

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BR S	2515	substrat\$2 same align\$5 same marks	USPAT; US-PGPUB	2003/08/25 16:38			0
2	BR S	3819	(photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same marks	USPAT; US-PGPUB	2003/08/25 16:44			0
3	BR S	4442	ferrul\$2 same fiber\$1	USPAT; US-PGPUB	2003/08/25 16:43			0
4	BR S	1945	(photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1	USPAT; US-PGPUB	2003/08/25 16:45			0
5	BR S	11	((substrat\$2 same align\$5 same marks) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same marks) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)	USPAT; US-PGPUB	2004/04/14 12:12			0
6	BR S	3848	ferrule\$1 same align\$5	USPAT; US-PGPUB	2003/08/25 16:46			0
7	BR S	9	((substrat\$2 same align\$5 same marks) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same marks) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)) and (ferrule\$1 same align\$5)	USPAT; US-PGPUB	2003/08/26 12:50			0
8	BR S	0	"3448432000" "344843/2000" "344843-2000"	JPO; DERWENT	2003/08/25 16:59			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
9	BR S	0	"3448432000" "344843/2000" ("344843" adj1 "2000")	JPO; DERWENT	2003/08/25 16:59			0
10	BR S	0	"3448432000" "344843/2000" ("3448432000")	JPO; DERWENT	2003/08/25 17:02			0
11	BR S	3	"11290130" "2000-251301"	JPO; DERWENT	2003/08/25 17:06			0
12	BR S	1	"11-290130" "2000-251301"	JPO; DERWENT	2003/08/25 17:13			0
13	BR S	3	"2000344843" "2000-344843"	JPO; DERWENT	2003/08/25 17:14			0
14	BR S	2	((substrat\$2 same align\$5 same marks) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same marks) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)) not (((substrat\$2 same align\$5 same marks) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same marks) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1	USPAT; US-PGPUB	2003/08/25 17:24			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
15	BR S	0	(substrat\$2 same align\$5 same marks) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same marks) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)	EPO; JPO; DERWENT	2003/08/25 18:03			0
16	BR S	1	(substrat\$2 same align\$5 same mark\$4) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same mark\$4) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)	EPO; JPO; DERWENT	2003/08/25 18:09			0
17	BR S	15	(substrat\$2 same align\$5 same mark\$4) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same mark\$4) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)	USPAT; US-PGPUB	2003/08/25 18:21			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Errors
18	BR S	9	((substrat\$2 same align\$5 same marks) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same marks) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)) and (ferrule\$1 same align\$5)	USPAT; US-PGPUB	2003/08/25 18:07		0
19	BR S	12	((substrat\$2 same align\$5 same mark\$4) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same mark\$4) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)) and (ferrule\$1 same align\$5)	USPAT; US-PGPUB	2003/08/26 13:11		0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
20	BR S	3	(((substrat\$2 same align\$5 same mark\$4) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same mark\$4) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)) and (ferrule\$1 same align\$5)) not (((substrat\$2 same align\$5 same marks) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same marks) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light	USPAT; US-PGPUB	2003/08/25 18:09			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Errors
21	BR S	5	((substrat\$2 same align\$5 same mark\$4) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same mark\$4) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)) not (((substrat\$2 same align\$5 same mark\$4) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same mark\$4) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1	USPAT; US-PGPUB	2003/08/25 18:18		0
22	BR S	0	1999wo-jp11290130.ap,prai.	EPO; JPO; DERWENT	2003/08/26 11:32		0
23	BR S	0	1999wo-jp290130.ap,prai.	EPO; JPO; DERWENT	2003/08/26 11:29		0
24	BR S	0	2000wo-jp251301.ap,prai.	EPO; JPO; DERWENT	2003/08/26 11:31		0
25	BR S	0	2000wo-jp251301.ap,prai,	EPO; JPO; DERWENT	2003/08/26 12:47		0
26	BR S	0	1999wo-jp11290130.ap,prai,	EPO; JPO; DERWENT	2003/08/26 11:30		0
27	BR S	0	jp251301.ap,prai.	EPO; JPO; DERWENT	2003/08/26 11:31		0
28	BR S	0	jp11290130.ap,prai.	EPO; JPO; DERWENT	2003/08/26 11:31		0
29	BR S	0	2000wo-jp11290130.ap,prai.	EPO; JPO; DERWENT	2003/08/26 11:37		0
30	BR S	45573	ishii.in.	EPO; JPO; DERWENT	2003/08/26 11:38		0
31	BR S	43428	ishii.in.	JPO; DERWENT	2003/08/26 11:38		0
32	BR S	2361	(optical adj1 module).ti.	JPO; DERWENT	2003/08/26 11:39		0
33	BR S	17	ishii.in. and ((optical adj1 module).ti.)	JPO; DERWENT	2003/08/26 11:39		0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
34	BR S	5	(ishii.in. and ((optical adj1 module).ti.)) and nomura	JPO; DERWENT	2003/08/26 11:40			0
35	BR S	1	"20020047088"	USPAT; US-PGPUB	2003/08/26 12:09			0
36	BR S	6	("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.	USPAT; US-PGPUB	2003/08/26 12:10			0
37	BR S	7	"20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)	USPAT; US-PGPUB	2003/08/26 12:10			0
38	BR S	2	("20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)) and ((substrat\$2 same align\$5 same marks) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same marks) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)) and (ferrule\$1 same align\$5)	USPAT; US-PGPUB	2003/08/26 12:52			0

	Type	Hits	Search Text	DBs	Time Stamp	Com men ts	Er ro r De fi ni tion	Er ro rs
39	BR S	4	("20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)) and ((substrat\$2 same align\$5 same mark\$4) and ((photoactiv\$5 imag\$4 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same mark\$4) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 imag\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)) and (ferrule\$1 same align\$5)	USPAT; US-PGPUB	2003/08/26 13:16			0
40	BR S	4	("20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)) and ((substrat\$2 same align\$5 same mark\$4) and ((photoactiv\$5 imag\$4 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same mark\$4) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 imag\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)) and (ferrule\$1 same align\$5)) and (substrat\$2 same ferrule\$1)	USPAT; US-PGPUB	2003/08/26 15:28			0
41	BR S	3	("6263137" "6217231" "5764836").pn.	USPAT; US-PGPUB	2003/08/26 13:19			0
42	BR S	4	"20020047088" (("6263137" "6217231" "5764836").pn.)	USPAT; US-PGPUB	2003/08/26 13:19			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
43	BR S	4	("20020047088" (("6263137" "6217231" "5764836").pn.) and (substrat\$2 same ferrule\$1)	USPAT; US-PGPUB	2003/08/26 15:22			0
44	BR S	4	("20020047088" (("6263137" "6217231" "5764836").pn.) and (align\$6 same ferrule same fiber\$1)	USPAT; US-PGPUB	2003/08/26 15:26			0
45	BR S	3	("20020047088" (("6263137" "6217231" "5764836").pn.) and (mark\$1 same (substr\$4 carr\$4) same (ferrul\$2 fiber\$1))	USPAT; US-PGPUB	2003/08/26 15:29			0
46	BR S	2	((("20020047088" (("6263137" "6217231" "5764836").pn.) and (align\$6 same ferrule same fiber\$1)) and pin\$1	USPAT; US-PGPUB	2003/08/26 14:58			0
47	BR S	0	((("5768456" "6130979" "5574814" "6056448" "6203212" "6250820" "5611013" "5499311" "6137929").pn.) and (mark\$4 same (substr\$4 carr\$4) same (ferrul\$2 fiber\$1))	USPAT; US-PGPUB	2003/08/26 15:07			0
48	BR S	0	((("5768456" "6130979" "5574814" "6056448" "6203212" "6250820" "5611013" "5499311" "6137929").pn.) and (mark\$4 same (substr\$4 carr\$4) same (ferrul\$2 fiber\$1))) and (align\$6 same ferrule same fiber\$1)	USPAT; US-PGPUB	2003/08/26 15:08			0
49	BR S	1	((("5768456" "6130979" "5574814" "6056448" "6203212" "6250820" "5611013" "5499311" "6137929").pn.) and (align\$6 same ferrule same fiber\$1)	USPAT; US-PGPUB	2003/08/26 15:08			0
50	BR S	9	("5768456" "6130979" "5574814" "6056448" "6203212" "6250820" "5611013" "5499311" "6137929").pn.	USPAT; US-PGPUB	2003/08/26 15:10			0
51	BR S	5	("20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)) and (mark\$1 same (substr\$4 carr\$4) same (ferrul\$2 fiber\$1))	USPAT; US-PGPUB	2003/08/26 15:24			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
52	BR S	1	6130979.pn.	USPAT; US-PGPUB	2003/08/26 15:21			0
53	BR S	0	6130979.pn. and (substrat\$2 same ferrule\$1)	USPAT; US-PGPUB	2003/08/26 15:22			0
54	BR S	4	((("20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)) and (mark\$4 same (substr\$4 carr\$4) same (ferrul\$2 fiber\$1))) and (align\$6 same ferrule same fiber\$1)	USPAT; US-PGPUB	2003/08/26 15:26			0
55	BR S	6	((("20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)) and (mark\$4 same (substr\$4 carr\$4) same (ferrul\$2 fiber\$1))) and (substrat\$2 same ferrule\$1)	USPAT; US-PGPUB	2003/08/26 15:28			0
56	BR S	4	((("20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)) and (mark\$4 same (substr\$4 carr\$4) same (ferrul\$2 fiber\$1))) and (substrat\$2 same ferrule\$1)) and (mark\$1 same (substr\$4 carr\$4) same (ferrul\$2 fiber\$1))	USPAT; US-PGPUB	2003/08/26 15:34			0
57	BR S	1	6217231.pn.	USPAT; US-PGPUB	2003/08/26 15:35			0
58	BR S	0	6217231.pn. and align\$5 same ferrule\$1 same (photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1)	USPAT; US-PGPUB	2004/01/27 17:19			0
59	BR S	1	6217231.pn. and (align\$5 same (ferrule\$1 fiber\$1) same (photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1))	USPAT; US-PGPUB	2003/08/26 16:03			0
60	BR S	1	6217231.pn. and (align\$5 same (ferrule\$1 fiber\$1))	USPAT; US-PGPUB	2003/08/26 16:11			0
61	BR S	1	6217231.pn. and (mark\$4 near9 (substra\$4 carri\$4))	USPAT; US-PGPUB	2003/08/26 17:04			0

	Type	Hits	Search Text	DBs	Time Stamp	Comm en ts	Er ro r De fi ni ti on	Er ro rs
62	BR S	1	6217231.pn. and (mark\$4 same (substrat\$3 carri\$3) same mark\$4 same (fiber\$1 ferrule\$1))	USPAT; US-PGPUB	2003/08/26 17:50			0
63	BR S	1	6217231.pn. and (etch\$4 photolithograph\$4)	USPAT; US-PGPUB	2003/08/26 18:08			0
64	BR S	0	6217231.pn. and (film\$3 same (transparent\$4 clear ssubstrat\$3))	USPAT; US-PGPUB	2003/08/26 18:09			0
65	BR S	1	6217231.pn. and (film\$3 same (transparent\$4 clear substrat\$3))	USPAT; US-PGPUB	2003/08/26 18:10			0
66	BR S	7	("20020047088" (("6217231" "6263137" "5764836" "6457877" "6406196" "6112002").pn.)) and (mark\$4 same (substr\$4 carr\$4) same (ferrul\$2 fiber\$1))	USPAT; US-PGPUB	2003/08/26 19:22			0
67	BR S	5	("6310995" "5889902" "5090790" "5282080" "5732179").pn.	USPAT; US-PGPUB	2003/08/27 11:12			0
68	BR S	4	((("6310995" "5889902" "5090790" "5282080" "5732179").pn.) and ((transverse same electric same magnetic same (modal gains)) (te same tm))	USPAT; US-PGPUB	2003/08/27 12:55			0
69	BR S	3	((("6310995" "5889902" "5090790" "5282080" "5732179").pn.) and ((transverse same electric same magnetic same (modal gains)) (te same tm))) and (quantum adj1 wells)	USPAT; US-PGPUB	2003/08/27 11:22			0
70	BR S	0	((("6310995" "5889902" "5090790" "5282080" "5732179").pn.) and ((transverse same electric same magnetic same (modal gains)) (te same tm))) and ((quantum adj1 wells) same compress\$4 same (tens\$3 strain\$3))	USPAT; US-PGPUB	2003/08/27 12:54			0
71	BR S	2	("5889902" "6310995").pn.	USPAT; US-PGPUB	2003/08/27 12:54			0
72	BR S	0	((("5889902" "6310995").pn.) and ((quantum adj1 wells) same compress\$4 same (tens\$3 strain\$3))	USPAT; US-PGPUB	2003/08/27 12:55			0

	Type	Hits	Search Text	DBs	Time Stamp	Com men ts	Er ro r De fin iti on	Er ro rs
73	BR S	1	((("5889902" "6310995").pn.) and ((quantum adj1 wells) same (compress\$4 tens\$3 strain\$3))) and ((transverse same electric same magnetic same (modal gains)) (te same tm))	USPAT; US-PGPUB	2003/08/27 12:56			0
74	BR S	2	((("5889902" "6310995").pn.) and ((quantum adj1 wells) same (compress\$4 tens\$3 strain\$3))	USPAT; US-PGPUB	2003/08/27 14:23			0
75	BR S	5	((("6310995" "5889902" "5090790" "5282080" "5732179").pn.) (("5889902" "6310995").pn.)	USPAT; US-PGPUB	2003/08/27 14:23			0
76	BR S	5	((("6310995" "5889902" "5090790" "5282080" "5732179").pn.) (("5889902" "6310995").pn.)) ((("5889902" "6310995").pn.) and ((quantum adj1 wells) same (compress\$4 tens\$3 strain\$3)))	USPAT; US-PGPUB	2003/08/27 14:23			0
77	BR S	0	((("6310995" "5889902" "5090790" "5282080" "5732179").pn.) (("5889902" "6310995").pn.)) ((("5889902" "6310995").pn.) and ((quantum adj1 wells) same (compress\$4 tens\$3 strain\$3)))) and circulat\$5	USPAT; US-PGPUB	2003/08/27 14:24			0
78	BR S	1	6217231.pn.	USPAT; US-PGPUB	2004/01/27 17:19			0
79	BR S	14	(substrat\$2 same align\$5 same marks) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same marks) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)	USPAT; US-PGPUB	2004/04/14 12:12			0

	Type	Hits	Search Text	DBs	Time Stamp	Corr mmen ts	Er ro r De fi ni ti on	Er ro rs
80	BR S	0	(substrat\$2 same align\$5 same marks) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same marks) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)	EPO; JPO; DERWENT	2004/01/28 13:46			0
81	BR S	1	6217231.pn.	USPAT; US-PGPUB	2004/04/14 11:48			0
82	BR S	17	(substrat\$2 same align\$5 same marks) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same marks) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)	USPAT; US-PGPUB	2004/04/14 12:13			0
83	BR S	0	(substrat\$2 same align\$5 same marks) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same marks) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)	EPO; JPO; DERWENT	2004/04/14 12:13			0

	Type	Hits	Search Text	DBs	Time Stamp	Com men ts	Er ro r De fi ni ti on	Er ro rs
84	BR S	17	(substrat\$2 same align\$5 same marks) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same align\$5 same marks) and (ferrul\$2 same fiber\$1) and ((photoactiv\$5 photodetect\$4 photodiod\$3 detect\$4 (photo adj1 activ\$5) led leds (light near1 source\$1) photo adj1 (diode\$2 detect\$5) laser\$1) same ferrule\$1)	USPAT; US-PGPUB	2004/04/14 13:38			0
85	BR S	0	'10/722894'	USPAT; US-PGPUB	2004/04/14 13:39			0
86	BR S	1	'09/954130'	USPAT; US-PGPUB	2004/04/27 16:33			0
87	BR S	1	'09/954130' and (carrier\$1 same (apertur\$1 window\$1 hole\$1 opening\$1 align\$5)) and (pin\$1 same (apertur\$1 window\$1 hole\$1 opening\$1 align\$5 ferrul\$2)) and (support\$4 same substrat\$2)	USPAT; US-PGPUB	2004/04/14 14:20			0
88	BR S	21233 3	(carrier\$1 recepticl\$2 substrat\$2) same (apertur\$1 window\$1 hole\$1 opening\$1)	USPAT; US-PGPUB	2004/04/14 14:28			0
89	BR S	31147 4	(apertur\$1 window\$1 hole\$1 opening\$1 align\$5) near7 align\$5	USPAT; US-PGPUB	2004/04/14 14:25			0
90	BR S	503	(pin\$1 near7 align\$5) same ferrul\$2	USPAT; US-PGPUB	2004/04/14 14:27			0
91	BR S	332	(pin\$1 near7 align\$5) same ferrul\$2 same (waveguid\$3 fiber\$1)	USPAT; US-PGPUB	2004/04/14 14:27			0
92	BR S	90186	(support\$3) same (apertur\$1 window\$1 hole\$1 opening\$1) same align\$5	USPAT; US-PGPUB	2004/04/14 14:28			0
93	BR S	14	((carrier\$1 recepticl\$2 substrat\$2) same (apertur\$1 window\$1 hole\$1 opening\$1)) and ((apertur\$1 window\$1 hole\$1 opening\$1 align\$5) near7 align\$5) and ((pin\$1 near7 align\$5) same ferrul\$2 same (waveguid\$3 fiber\$1)) and ((support\$3) same (apertur\$1 window\$1 hole\$1 opening\$1) same align\$5)	USPAT; US-PGPUB	2004/04/19 18:38			0

	Type	Hits	Search Text	DBs	Time Stamp	Com men ts	Er ro r De fini tion	Er ro rs
94	BR S	0	((carrier\$1 recepticl\$2 substrat\$2) same (apertur\$1 window\$1 hole\$1 opening\$1)) and ((apertur\$1 window\$1 hole\$1 opening\$1 align\$5) near7 align\$5) and ((pin\$1 near7 align\$5) same ferrul\$2 same (waveguid\$3 fiber\$1)) and ((support\$3) same (apertur\$1 window\$1 hole\$1 opening\$1) same align\$5)	EPO; JPO; DERWENT	2004/04/14 16:05			0
95	BR S	3	("6641310" "6130979" "6085007").pn.	USPAT; US-PGPUB	2004/04/14 15:25			0
96	BR S	3	((("6641310" "6130979" "6085007").pn.) and silicon	USPAT; US-PGPUB	2004/04/14 15:25			0
97	BR S	622	385/89.ccls.	USPAT; US-PGPUB	2004/04/14 16:07			0
98	BR S	0	385/89.ccls. and ((carrier\$1 recepticl\$2 substrat\$2) same (apertur\$1 window\$1 hole\$1 opening\$1)) and ((apertur\$1 window\$1 hole\$1 opening\$1 align\$5) near7 align\$5) and ((pin\$1 near7 align\$5) same ferrul\$2 same (waveguid\$3 fiber\$1)) and ((support\$3) same (apertur\$1 window\$1 hole\$1 opening\$1) same align\$5)	EPO; JPO; DERWENT	2004/04/14 16:06			0
99	BR S	0	385/89.ccls. and ((carrier\$1 recepticl\$2 substrat\$2) same (apertur\$1 window\$1 hole\$1 opening\$1)) and ((apertur\$1 window\$1 hole\$1 opening\$1 align\$5) near7 align\$5) and ((pin\$1 near7 align\$5) same ferrul\$2 same (waveguid\$3 fiber\$1)) and ((support\$3) same (apertur\$1 window\$1 hole\$1 opening\$1))	EPO; JPO; DERWENT	2004/04/14 16:08			0
100	BR S	29310	385/\$.ccls.	USPAT; US-PGPUB	2004/04/14 16:07			0

	Type	Hits	Search Text	DBs	Time Stamp	Corr mm en ts	Er ro r De fi ni ti on	Er ro rs
101	BR S	0	385/\$.ccls. and ((carrier\$1 recepticl\$2 substrat\$2) same (apertur\$1 window\$1 hole\$1 opening\$1)) and ((apertur\$1 window\$1 hole\$1 opening\$1 align\$5) near7 align\$5) and ((pin\$1 near7 align\$5) same ferrul\$2 same (waveguid\$3 fiber\$1)) and ((support\$3) same (apertur\$1 window\$1 hole\$1 opening\$1))	EPO; JPO; DERWENT	2004/04/14 16:08			0
102	BR S	0	((carrier\$1 recepticl\$2 substrat\$2) same (apertur\$1 window\$1 hole\$1 opening\$1)) and ((apertur\$1 window\$1 hole\$1 opening\$1) near7 align\$5) and (pin\$1 same align\$5 same ferrul\$2 same (waveguid\$3 fiber\$1)) and (support\$3 same (apertur\$1 window\$1 hole\$1 opening\$1) same align\$5)	EPO; JPO; DERWENT	2004/04/19 18:37			0
103	BR S	23	((carrier\$1 recepticl\$2 substrat\$2) same (apertur\$1 window\$1 hole\$1 opening\$1)) and ((apertur\$1 window\$1 hole\$1 opening\$1) near7 align\$5) and (pin\$1 same align\$5 same ferrul\$2 same (waveguid\$3 fiber\$1)) and (support\$3 same (apertur\$1 window\$1 hole\$1 opening\$1) same align\$5)	USPAT; US-PGPUB	2004/04/28 09:47			0
104	BR S	14	((carrier\$1 recepticl\$2 substrat\$2) same (apertur\$1 window\$1 hole\$1 opening\$1)) and ((apertur\$1 window\$1 hole\$1 opening\$1 align\$5) near7 align\$5) and ((pin\$1 near7 align\$5) same ferrul\$2 same (waveguid\$3 fiber\$1)) and ((support\$3) same (apertur\$1 window\$1 hole\$1 opening\$1) same align\$5)	USPAT; US-PGPUB	2004/04/20 13:47			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
105	BR S	9	((((carrier\$1 recepticl\$2 substrat\$2) same (apertur\$1 window\$1 hole\$1 opening\$1)) and ((apertur\$1 window\$1 hole\$1 opening\$1) near7 align\$5) and (pin\$1 same align\$5 same ferrul\$2 same (waveguid\$3 fiber\$1)) and (support\$3 same (apertur\$1 window\$1 hole\$1 opening\$1) same align\$5)) not (((carrier\$1 recepticl\$2 substrat\$2) same (apertur\$1 window\$1 hole\$1 opening\$1)) and ((apertur\$1 window\$1 hole\$1 opening\$1 align\$5) near7 align\$5) and ((pin\$1 near7 align\$5) same ferrul\$2 same (waveguid\$3 fiber\$1)) and ((support\$3) same (apertur\$1 window\$1 hole\$1 opening\$1) same align\$5))	USPAT; US-PGPUB	2004/04/20 10:55			0
106	BR S	1	5917976.pn. and ((carrier\$1 recepticl\$2 substrat\$2) same (apertur\$1 window\$1 hole\$1 opening\$1))	USPAT; US-PGPUB	2004/04/20 10:56			0
107	BR S	1	5917976.pn. and ((apertur\$1 window\$1 hole\$1 opening\$1 align\$5) near7 align\$5)	USPAT; US-PGPUB	2004/04/20 12:17			0
108	BR S	0	5917976.pn. and ((pin\$1 near7 align\$5) same ferrul\$2 same (waveguid\$3 fiber\$1))	USPAT; US-PGPUB	2004/04/20 12:19			0
109	BR S	1	5917976.pn. and (pin\$1 same ferrul\$2 same (waveguid\$3 fiber\$1))	USPAT; US-PGPUB	2004/04/20 14:32			0
110	BR S	14	((carrier\$1 recepticl\$2 substrat\$2) same (apertur\$1 window\$1 hole\$1 opening\$1)) and ((apertur\$1 window\$1 hole\$1 opening\$1 align\$5) near7 align\$5) and ((pin\$1 near7 align\$5) same ferrul\$2 same (waveguid\$3 fiber\$1)) and ((support\$3) same (apertur\$1 window\$1 hole\$1 opening\$1) same align\$5)	USPAT; US-PGPUB	2004/04/20 13:48			0
111	BR S	1	6641310.pn.	USPAT; US-PGPUB	2004/04/22 11:06			0
112	BR S	1	6641310.pn. and (pin\$1 same ferrul\$2 same (waveguid\$3 fiber\$1))	USPAT; US-PGPUB	2004/04/20 14:51			0
113	BR S	1	6641310.pn. and ((pin\$1 align\$6) same photolithog\$6)	USPAT; US-PGPUB	2004/04/20 14:57			0

	Type	Hits	Search Text	DBs	Time Stamp	Com men ts	Er ro r De fi ni ti on	Er ro rs
114	BR S	1	6641310.pn. and ((pin\$1 align\$6) same subst\$5)	USPAT; US-PGPUB	2004/04/20 15:26			0
115	BR S	2	5917976.pn. 6641310.pn.	USPAT; US-PGPUB	2004/04/20 15:26			0
116	BR S	2	(5917976.pn. 6641310.pn.) and (film\$3 coat\$4 deposit\$4 layer\$1)	USPAT; US-PGPUB	2004/04/20 15:38			0
117	BR S	2	(5917976.pn. 6641310.pn.) and ((film\$3 coat\$4 deposit\$4 layer\$1 epox\$4 material\$1 compoond\$1) same (align\$5 pin\$1 hole\$1 window\$3 orif\$6 orefi\$6 mark\$4))	USPAT; US-PGPUB	2004/04/20 15:41			0
118	BR S	1	'09/954130'	USPAT; US-PGPUB	2004/04/21 11:07			0
119	BR S	1	6453095.pn.	USPAT; US-PGPUB	2004/04/21 15:16			0
120	BR S	1	6641310.pn.	USPAT; US-PGPUB	2004/04/21 18:31			0
121	BR S	1	6641310.pn. and ((photo adj1 lithog\$5) photolithogr\$5)	USPAT; US-PGPUB	2004/04/21 18:33			0
122	BR S	1	6641310.pn. and (silic\$5)	USPAT; US-PGPUB	2004/04/21 18:48			0
123	BR S	1	5917976.pn.	USPAT; US-PGPUB	2004/04/21 18:47			0
124	BR S	1	5917976.pn. and (silic\$5)	USPAT; US-PGPUB	2004/04/21 18:48			0
125	BR S	1	6641310.pn. and (stand\$4 same (deposit\$4 layer\$1 etch\$4))	USPAT; US-PGPUB	2004/04/22 14:03			0
126	BR S	2	("6304687" "5940548").pn.	USPAT; US-PGPUB	2004/04/22 15:31			0
127	BR S	1	(5,546,483).pn.	USPAT; US-PGPUB	2004/04/22 15:27			0
128	BR S	1	((5,546,483).pn.) and ((materil\$1 groov\$4) same (confin\$4 scap\$4 loss\$3 horizont\$4 vertical direction\$1 TM TE))	USPAT; US-PGPUB	2004/04/22 15:31			0
129	BR S	1	("6304687").pn.	USPAT; US-PGPUB	2004/04/22 15:31			0
130	BR S	1	((("6304687").pn.) and ((materil\$1 groov\$4) same (confin\$4 scap\$4 loss\$3 horizont\$4 vertical direction\$1 TM TE))	USPAT; US-PGPUB	2004/04/22 15:41			0
131	BR S	1	((("6304687").pn.) and (groov\$4 same (mateial resin loss\$3)) and (confin\$4 scap\$4 horizont\$4 vertical direction\$1)	USPAT; US-PGPUB	2004/04/22 15:53			0

	Type	Hits	Search Text	DBs	Time Stamp	Com men ts	Er ro r De fi ni ti on	Er ro rs
132	BR S	1	((("6304687").pn.) and (groov\$4 same (mateial resin\$1 loss\$3)) and (parall\$4 perpendicular confin\$4 scap\$4 horizont\$4 vertical direction\$1)	USPAT; US-PGPUB	2004/04/22 15:54			0
133	BR S	1	((("6304687").pn.) and (groov\$4 same (mateial resin\$1 loss\$3)) and (parall\$4 perpendicular\$3 confin\$4 scap\$4 horizont\$4 vertical direction\$1)	USPAT; US-PGPUB	2004/04/22 15:58			0
134	BR S	1	((("6304687").pn.)) and (groov\$4 same (mateial resin\$1 loss\$3)) and (parall\$4 perpendicular\$3 confin\$4 scap\$4 horizont\$4 vertical direction\$1)	USPAT; US-PGPUB	2004/04/22 16:12			0
135	BR S	1	((("6304687").pn.)) and (groov\$4 same (material resin\$1 loss\$3)) and (parall\$4 perpendicular\$3 confin\$4 scap\$4 horizont\$4 vertical direction\$1)	USPAT; US-PGPUB	2004/04/22 19:25			0
136	BR S	1	((("6304687").pn.)	USPAT; US-PGPUB	2004/04/22 19:25			0
137	BR S	1	((("6304687").pn.)) and ((groov\$4 slot\$1 hole\$1) same (quarz glass gel\$5 material\$1 resin\$1) same (loss\$3 gain\$3 confin\$3 scatter\$4))	USPAT; US-PGPUB	2004/04/22 20:34			0
138	BR S	1	((("6304687").pn.)) and ((groov\$4 slot\$1 hole\$1) same (quarz glass gel\$5 material\$1 resin\$1) same (collimat\$6 lens\$2 beam\$1 light path\$1))	USPAT; US-PGPUB	2004/04/22 20:35			0
139	BR S	1	6641310.pn.	USPAT; US-PGPUB	2004/04/27 11:01			0
140	BR S	1	'09/954130'	USPAT; US-PGPUB	2004/04/26 14:34			0
141	BR S	1	'09/954130' and ((transp\$5 film) same photolithogr\$5)	USPAT; US-PGPUB	2004/04/26 16:40			0
142	BR S	1	6641310.pn. and (dioxide sio\$2 nitride sin\$3, polysilicon polyim\$4)	USPAT; US-PGPUB	2004/04/26 18:17			0
143	BR S	1	385/\$.ccls. and (transp\$5 near5 deposit\$4 near7 photolithogr\$5 near12 substrat\$2)	USPAT; US-PGPUB	2004/04/26 16:42			0
144	BR S	65	transp\$5 near5 deposit\$4 near7 photolithogr\$5 near12 substrat\$2	USPAT; US-PGPUB	2004/04/26 16:46			0
145	BR S	30	(transp\$5 near5 deposit\$4 near7 photolithogr\$5 near12 substrat\$2) and align\$5	USPAT; US-PGPUB	2004/04/26 16:43			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
146	BR S	3	((transp\$5 near5 deposit\$4 near7 photolithogr\$5 near12 substrat\$2) and align\$5) and fiber\$1	USPAT; US-PGPUB	2004/04/26 16:43			0
147	BR S	1	film near1 transp\$5 near5 deposit\$4 near7 photolithogr\$5 near12 substrat\$2	USPAT; US-PGPUB	2004/04/26 16:47			0
148	BR S	7	(film\$1 coatin) near2 transp\$5 near5 deposit\$4 near7 photolithogr\$5 near12 substrat\$2	USPAT; US-PGPUB	2004/04/26 16:48			0
149	BR S	1	5917976.pn. and (dioxide sio\$2 nitride sin\$1 nitride polysilicon polyim\$4)	USPAT; US-PGPUB	2004/04/26 18:28			0
150	BR S	1	5917976.pn.	USPAT; US-PGPUB	2004/04/27 11:01			0
151	BR S	1	6641310.pn.	USPAT; US-PGPUB	2004/04/27 11:01			0
152	BR S	2	5917976.pn. 6641310.pn.	USPAT; US-PGPUB	2004/04/27 11:03			0
153	BR S	0	(5917976.pn. 6641310.pn.) and (align\$5 same (film\$1 mark\$3))	USPAT; US-PGPUB	2004/04/27 11:04			0
154	BR S	1	(5917976.pn. 6641310.pn.) and (film\$1 mark\$3)	USPAT; US-PGPUB	2004/04/27 12:42			0
155	BR S	1	(5917976.pn. 6641310.pn.) and (receiv\$3 same si) and (align\$5 mount\$4)	USPAT; US-PGPUB	2004/04/27 12:53			0
156	BR S	1	(5917976.pn. 6641310.pn.) and (receiv\$3 same si) and (align\$5 mount\$4 bump\$3)	USPAT; US-PGPUB	2004/04/27 15:27			0
157	BR S	0	5917976.pn. and (pin near3 (photo diod\$2 \$5detector \$5detectors))	USPAT; US-PGPUB	2004/04/27 15:28			0
158	BR S	0	5917976.pn. and ((sio\$1 film\$3 deposit\$4) same photolithog\$5)	USPAT; US-PGPUB	2004/04/27 16:37			0
159	BR S	0	5917976.pn. and ((sio\$1 film\$3 deposit\$4) same photolithog\$7)	USPAT; US-PGPUB	2004/04/27 16:37			0
160	BR S	0	5917976.pn. and ((sio\$1 film\$3 deposit\$4 silicon\$7) same photolithog\$7)	USPAT; US-PGPUB	2004/04/27 16:38			0
161	BR S	1	5917976.pn. and ((sio\$1 film\$3 deposit\$4 silicon\$7 si) same photolithog\$7)	USPAT; US-PGPUB	2004/04/27 18:18			0
162	BR S	1	5917976.pn. and ((sio\$1 film\$3 deposit\$4 silicon\$7 si) and photolithog\$7)	USPAT; US-PGPUB	2004/04/27 18:04			0
163	BR S	1	5917976.pn. and (fiber\$1 same (\$5lens \$5lenses) same (photodetec\$5 detect\$5 '16' '16a' receiv\$4))	USPAT; US-PGPUB	2004/04/27 18:07			0

	Type	Hits	Search Text	DBs	Time Stamp	Com mm en ts	Er ro r De fi ni ti on	Er ro rs
164	BR S	1	5917976.pn. and (fiber\$1 same (\$5lens \$5lenses) same (photodetec\$5 detect\$5 '16' '16a' receiv\$4) same align\$6)	USPAT; US-PGPUB	2004/04/27 18:07			0
165	BR S	20	385/\$.ccls. and (film\$3 near9 deposit\$4 near5 (substrate\$1 silicon\$ si) near12 photolithog\$7)	USPAT; US-PGPUB	2004/04/27 18:24			0
166	BR S	0	385/\$.ccls. and (film\$3 near1 metal\$4 near9 deposit\$4 near7 (substrate\$1 silicon\$ si) near17 photolithog\$17)	USPAT; US-PGPUB	2004/04/27 18:26			0
167	BR S	1	385/\$.ccls. and (film\$3 near6 metal\$4 near9 deposit\$4 near9 (substrate\$1 silicon\$ si) near17 photolithog\$17)	USPAT; US-PGPUB	2004/04/28 10:55			0

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	77	((carrier\$1 receptic1\$2 substrat\$2) same (apertur\$1 window\$1 hole\$1 opening\$1)) and ((apertur\$1 window\$1 hole\$1 opening\$1) near7 align\$5) and (pin\$1 same align\$5 same ferrul\$2 same (waveguid\$3 fiber\$1))	USPAT; US-PGPU B	2004/04/28 09:47
2	BRS	L2	7	1 and ((PIN near1 photodiode\$1) same VCSEL\$1)	USPAT; US-PGPU B	2004/04/28 09:48
3	BRS	L5	219	(film\$3 near6 metal\$4 near9 deposit\$4 near9 (substrate\$1 silicon\$ si) near17 photolithog\$17)	USPAT; US-PGPU B	2004/04/28 10:56
4	BRS	L6	3	(film\$3 near6 metal\$4 near9 deposit\$4 near9 (substrate\$1 silicon\$ si) near17 photolithog\$17) same fiber\$1	USPAT; US-PGPU B	2004/04/28 10:57
5	BRS	L7	18	(film\$3 near6 metal\$4 near9 deposit\$4 near9 (substrate\$1 silicon\$ si) near17 photolithog\$17) and fiber\$1	USPAT; US-PGPU B	2004/04/28 11:01
6	BRS	L8	1	5536466.pn.	USPAT; US-PGPU B	2004/04/28 11:01
7	BRS	L9	0	8 and (film\$3 near6 photolithog\$17)	USPAT; US-PGPU B	2004/04/28 11:02
8	BRS	L10	1	8 and (photolithog\$17)	USPAT; US-PGPU B	2004/04/28 11:02

	Comments	Error Definition	Errors
1			0
2			0
3			0
4			0
5			0
6			0
7			0
8			0